

Title (en)
Drill.

Title (de)
Bohrer.

Title (fr)
Foret.

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Application
EP 93850171 A 19930907

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Abstract (en)
The invention relates to a drill comprising a shaft with chip-conveying flutes and a drill head with two or more cutting elements. Each of these comprises a cutting edge (7) which is delimited between a chip-breaking surface and a relief surface (9) and which, at least in the proximity of the geometrical center or rotation axis of the drill, comprises a curved portion (12). The cutting edge (7) of the individual cutting element is located with its curved portion (12) in such a way that a tangential point (24) on a straight line (E) that extends from the center axis and tangentially touches said curved edge portion, is provided distantly from the center axis of the drill. In the immediate proximity of this center axis, the cutting edge is terminated in a small material portion (23) which is common for all cutting edges and which extends between the cutting elements in order to serve as a center punch for centering the drill. <IMAGE>

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Citation (search report)
• [Y] DE 2851183 A1 19790613 - HOSOI RYOSUKE
• [Y] FR 1190274 A 19591012

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